

ABSTRACT OF THE DISCLOSURE

A device for surface-treating, coating or producing construction elements in a continuous process has production chambers arranged successively closely adjacent to one another in a direction of transport of the construction elements through the device. Each production chamber has opposed ends with through openings and is connectable to a vacuum source. Each production chamber has a stationary chamber part of reinforced concrete and a detachable chamber part of reinforced concrete connected to the stationary chamber part, wherein the stationary chamber parts have first edge areas and the detachable chamber parts have second edge areas, wherein the first and second edge areas have sealing surfaces sealing the stationary and detachable chamber parts relative to one another. Each production chamber has walls defining a hollow interior, wherein the walls consist of a metallic skin anchored in the stationary and detachable chamber parts, respectively. A chamber part is produced by placing the skin onto a straightening plate in a formwork and then pouring concrete on top. The straightening plate is manufactured by pouring epoxide resin into a frame to form a flat surface.